

01579-1093  
2282Nixon & Vanderhys P.C. (10/99)  
(Domestic Assigned) Page 1

**RULE 83 (37 C.F.R. 1.63)  
INVENTORS DECLARATION FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CONSENSUS/ANCESTRAL IMMUNOGENS**

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (To Be Assigned) (Atty. Dkt. No. 1579-1083)  
☒ was filed as PCT International application No. PCT/US2004/030397 on 17 September 2004  
 and (if applicable to U.S. or PCT application) was amended on 17 March 2006

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):	Application Number	Country	Day/Month/Year Filed
----------------------------------	--------------------	---------	----------------------

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.


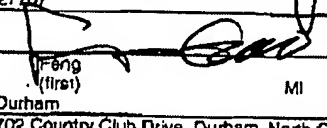
Application Number	Day/Month/Year Filed
60/503,460	17 September 2003
60/604,722	27 August 2004

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):	Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
	PCT/US2004/030397	17 September 2004	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all correspondence in this matter be directed to:

**Customer Number: 23117**

1.	Inventor's Signature: 	Date: 10/25/06
	Inventor: Barton (first) HAYNES (last) MI (state/country) North Carolina (citizenship)	
	Residence: (city) Durham (state/country) North Carolina	
	Mailing Address: 3923 Wentworth Street, Durham, North Carolina	
	(Zip Code) 27707	
2.	Inventor's Signature: 	Date: 10/25/06
	Inventor: Feng (first) GAO (last) MI (state/country) North Carolina (citizenship)	
	Residence: (city) Durham (state/country) North Carolina	
	Mailing Address: 702 Country Club Drive, Durham, North Carolina	
	(Zip Code) 27712	

**[X] See attached sheet(s) for additional inventor(s) information!!**

# BEST AVAILABLE COPY

Serial No. (To Be Assigned)  
Page 2

Nixon & Vanderhye P.C. (10/99)  
(Domestic Assigned)

## RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Bette T. KORBER U.S.A.  
 (first) (last) (citizenship)  
 Residence: (city) Los Alamos (state/country) New Mexico  
 Mailing Address: 1290 Big Rock Loop, Los Alamos, New Mexico  
 (Zip Code) 87544
4. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Beatrice H. HAHN German  
 (first) (last) (citizenship)  
 Residence: (city) Birmingham (state/country) Alabama  
 Mailing Address: 3571 Rockhill Road, Birmingham, Alabama  
 (Zip Code) 35223
5. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: George M. SHAW U.S.A.  
 (first) (last) (citizenship)  
 Residence: (city) Birmingham (state/country) Alabama  
 Mailing Address: 3571 Rockhill Road, Birmingham, Alabama  
 (Zip Code) 35223
6. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Denise M. KOTHE U.S.A.  
 (first) (last) (citizenship)  
 Residence: (city) Birmingham (state/country) Alabama  
 Mailing Address: 734 39<sup>th</sup> Street, Birmingham, Alabama  
 (Zip Code) 35222
7. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Ying Ying M. LI Chinese  
 (first) (last) (citizenship)  
 Residence: (city) Hoover (state/country) Alabama  
 Mailing Address: 2528 Mountain Cove, Hoover, Alabama  
 (Zip Code) 35226
8. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Julia M. DECKER U.S.A.  
 (first) (last) (citizenship)  
 Residence: (city) Alabaster (state/country) Alabama  
 Mailing Address: 1118 Colonial Drive  
 (Zip Code) 35007
9. Inventor's Signature: \_\_\_\_\_ Date: 10/25/06  
 Inventor: Hua-Xin M. LIAO Chinese  
 (first) (last) (citizenship)  
 Residence: (city) Chapel Hill (state/country) North Carolina  
 Mailing Address: 200 Pebble Springs Road  
 (Zip Code) 27514

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CONSENSUS/ANCESTRAL IMMUNOGENS**

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (To Be Assigned) (Atty. Dkt. No. 1579-1093)  
☒ was filed as PCT International application No. PCT/US2004/030397 on 17 September 2004  
and (if applicable to U.S. or PCT application) was amended on 17 March 2006

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
--------------------	---------	----------------------

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Day/Month/Year Filed
60/503,460	17 September 2003
60/604,722	27 August 2004

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
PCT/US2004/030397	17 September 2004	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) heréof, I hereby ask that all correspondence in this matter be directed to:

**Customer Number: 23117**

1. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Barton F. HAYNES U.S.A.  
(first) MI (last) (citizenship)  
Residence: (city) Durham (state/country) North Carolina  
Mailing Address: 3923 Wentworth Street, Durham, North Carolina  
(Zip Code) 27707

2. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Feng GAO U.S.A.  
(first) MI (last) (citizenship)  
Residence: (city) Durham (state/country) North Carolina  
Mailing Address: 702 Country Club Drive, Durham, North Carolina  
(Zip Code) 27712

**[X] See attached sheet(s) for additional inventor(s) information!!**

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

3. Inventor's Signature: Bette T. KORBER Date: 5/24/2006  
 Inventor: Bette MI (last) U.S.A.  
 Residence: (city) Los Alamos (state/country) New Mexico (citizenship)  
 Mailing Address: 1290 Big Rock Loop, Los Alamos, New Mexico  
 (Zip Code) 87544
4. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Beatrice H. HAHN German  
 (first) MI (last) (citizenship)  
 Residence: (city) Birmingham (state/country) Alabama  
 Mailing Address: 3571 Rockhill Road, Birmingham, Alabama  
 (Zip Code) 35223
5. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: George M. SHAW U.S.A.  
 (first) MI (last) (citizenship)  
 Residence: (city) Birmingham (state/country) Alabama  
 Mailing Address: 3571 Rockhill Road, Birmingham, Alabama  
 (Zip Code) 35223
6. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Denise MI KOTHE U.S.A.  
 (first) (last) (citizenship)  
 Residence: (city) Birmingham (state/country) Alabama  
 Mailing Address: 734 39<sup>th</sup> Street, Birmingham, Alabama  
 (Zip Code) 35222
7. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Ying Ying MI LI Chinese  
 (first) (last) (citizenship)  
 Residence: (city) Hoover (state/country) Alabama  
 Mailing Address: 2529 Mountain Cove, Hoover, Alabama  
 (Zip Code) 35266
8. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Julie MI DECKER U.S.A.  
 (first) (last) (citizenship)  
 Residence: (city) Alabaster (state/country) Alabama  
 Mailing Address: 1116 Colonial Drive  
 (Zip Code) 35007
9. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor: Hua-Xin MI LIAO Chinese  
 (first) (last) (citizenship)  
 Residence: (city) Chapel Hill (state/country) North Carolina  
 Mailing Address: 200 Pebble Springs Road  
 (Zip Code) 27514

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CONSENSUS/ANCESTRAL IMMUNOGENS

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. (To Be Assigned) (Atty. Dkt. No. 1579-1093)  
☒ was filed as PCT International application No. PCT/US2004/030397 on 17 September 2004  
and (if applicable to U.S. or PCT application) was amended on 17 March 2006

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
--------------------	---------	----------------------

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Day/Month/Year Filed
60/503,460	17 September 2003
60/604,722	27 August 2004

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
PCT/US2004/030397	17 September 2004	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all correspondence in this matter be directed to:

**Customer Number: 23117**

1.	Inventor's Signature:				Date:	
	Inventor:	Barton	F.	HAYNES		U.S.A.
		(first)	Mi	(last)		(citizenship)
	Residence: (city)	Durham		(state/country)	North Carolina	
	Mailing Address:	3923 Wentworth Street, Durham, North Carolina				
	(Zip Code)	27707				
2.	Inventor's Signature:				Date:	
	Inventor:	Feng		GAO		U.S.A.
		(first)	Mi	(last)		(citizenship)
	Residence: (city)	Durham		(state/country)	North Carolina	
	Mailing Address:	702 Country Club Drive, Durham, North Carolina				
	(Zip Code)	27712				

**[X] See attached sheet(s) for additional inventor(s) information!!**

RULE 63 (37 C.F.R. 1.63)  
INVENTORS DECLARATION FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Bette T. KORBER U.S.A.  
(first) (MI) (last) (citizenship)  
Residence: (city) Los Alamos (state/country) New Mexico  
Mailing Address: 1290 Big Rock Loop, Los Alamos, New Mexico  
(Zip Code) 87544
4. Inventor's Signature: [Signature] Date: 5/31/06  
Inventor: Beatrice H. HAHN German  
(first) (MI) (last) (citizenship)  
Residence: (city) Birmingham (state/country) Alabama  
Mailing Address: 3571 Rockhill Road, Birmingham, Alabama  
(Zip Code) 35223
5. Inventor's Signature: [Signature] Date: 5/31/06  
Inventor: George M. SHAW U.S.A.  
(first) (MI) (last) (citizenship)  
Residence: (city) Birmingham (state/country) Alabama  
Mailing Address: 3571 Rockhill Road, Birmingham, Alabama  
(Zip Code) 35223
6. Inventor's Signature: [Signature] Date: 05-31-06  
Inventor: Denise MI KOTHE U.S.A.  
(first) (last) (citizenship)  
Residence: (city) Birmingham (state/country) Alabama  
Mailing Address: 734 39<sup>th</sup> Street, Birmingham, Alabama  
(Zip Code) 35222
7. Inventor's Signature: [Signature] Date: may-31-06  
Inventor: Ying Ying MI LI Chinese  
(first) (last) (citizenship)  
Residence: (city) Hoover (state/country) Alabama  
Mailing Address: 2529 Mountain Cove, Hoover, Alabama  
(Zip Code) 35266
8. Inventor's Signature: [Signature] Date: 5/31/06  
Inventor: Julie MI DECKER U.S.A.  
(first) (last) (citizenship)  
Residence: (city) Alabaster (state/country) Alabama  
Mailing Address: 1116 Colonial Drive  
(Zip Code) 35007
9. Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Inventor: Hua-Xin MI LIAO Chinese  
(first) (last) (citizenship)  
Residence: (city) Chapel Hill (state/country) North Carolina  
Mailing Address: 200 Pebble Springs Road  
(Zip Code) 27514